



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday, April 30, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Severe storms and flash flooding likely for OK and portions of AR, TX.

Wednesday through Saturday

- Wednesday: Severe storms/flash flooding possible for portions of OK, TX, AR.
- Thursday through Saturday: Isolated flash flooding and severe storms possible for portions of OK, TX, AR, LA.

Major River Flooding or Known Evacuations

- Major flooding continues on the MS River at Baton Rouge, LA; impacts are primarily to navigation on the river.

FEMA Region 6 Threat Matrix

Apr 30, 2019 – May 4, 2019



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	OK	OK, TX, AR	OK, TX, AR, LA		
	TX, AR				
Heavy Rain / Flash Flooding	OK, AR	OK, TX, AR	OK, TX, AR, LA	OK, TX, AR, LA	TX, AR, LA
	TX				
Winter Weather					
Fire Weather	NM, TX	NM, TX			
River Flooding	LA/AR	LA/AR	LA/AR	LA/AR	LA/AR
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

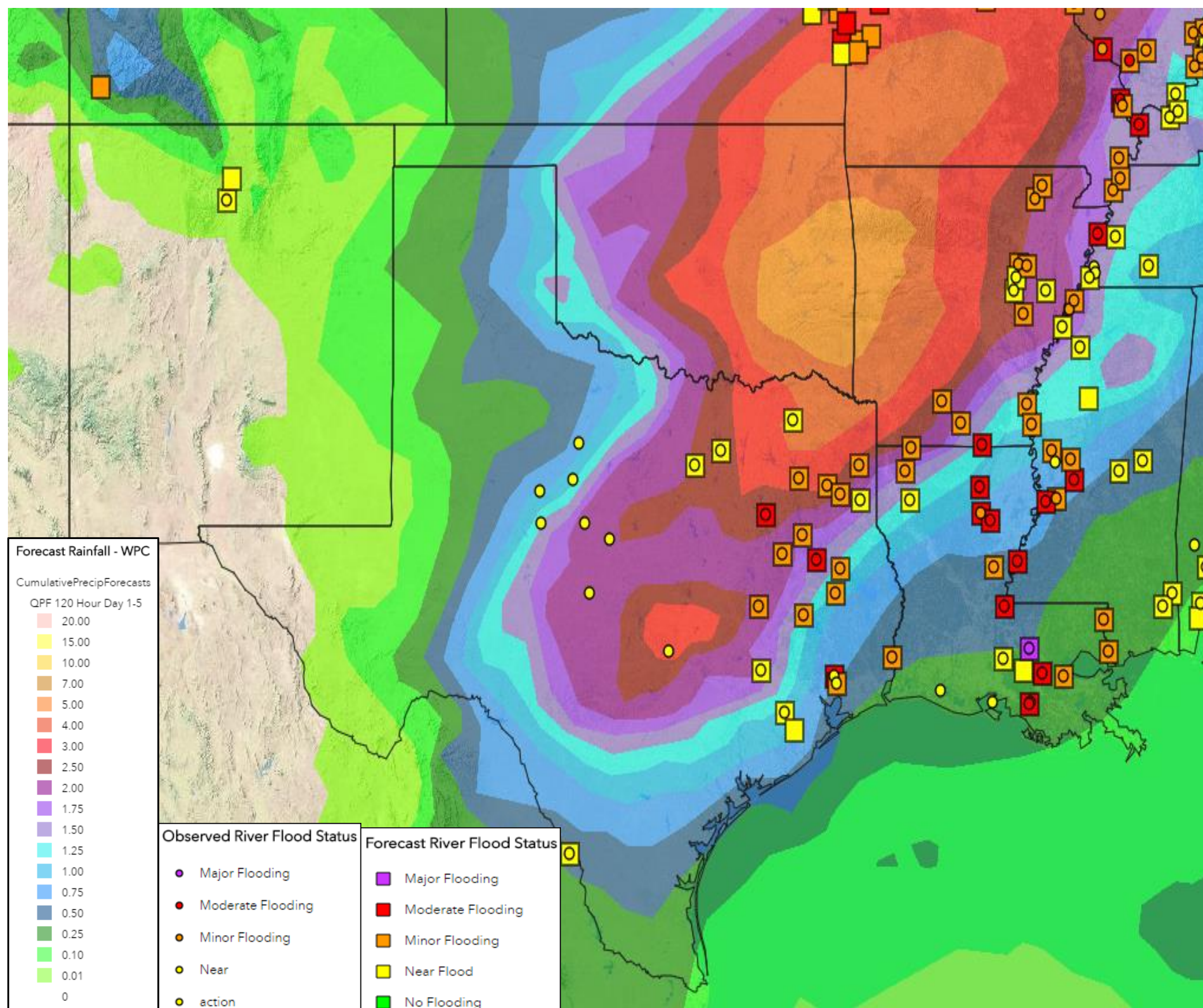
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



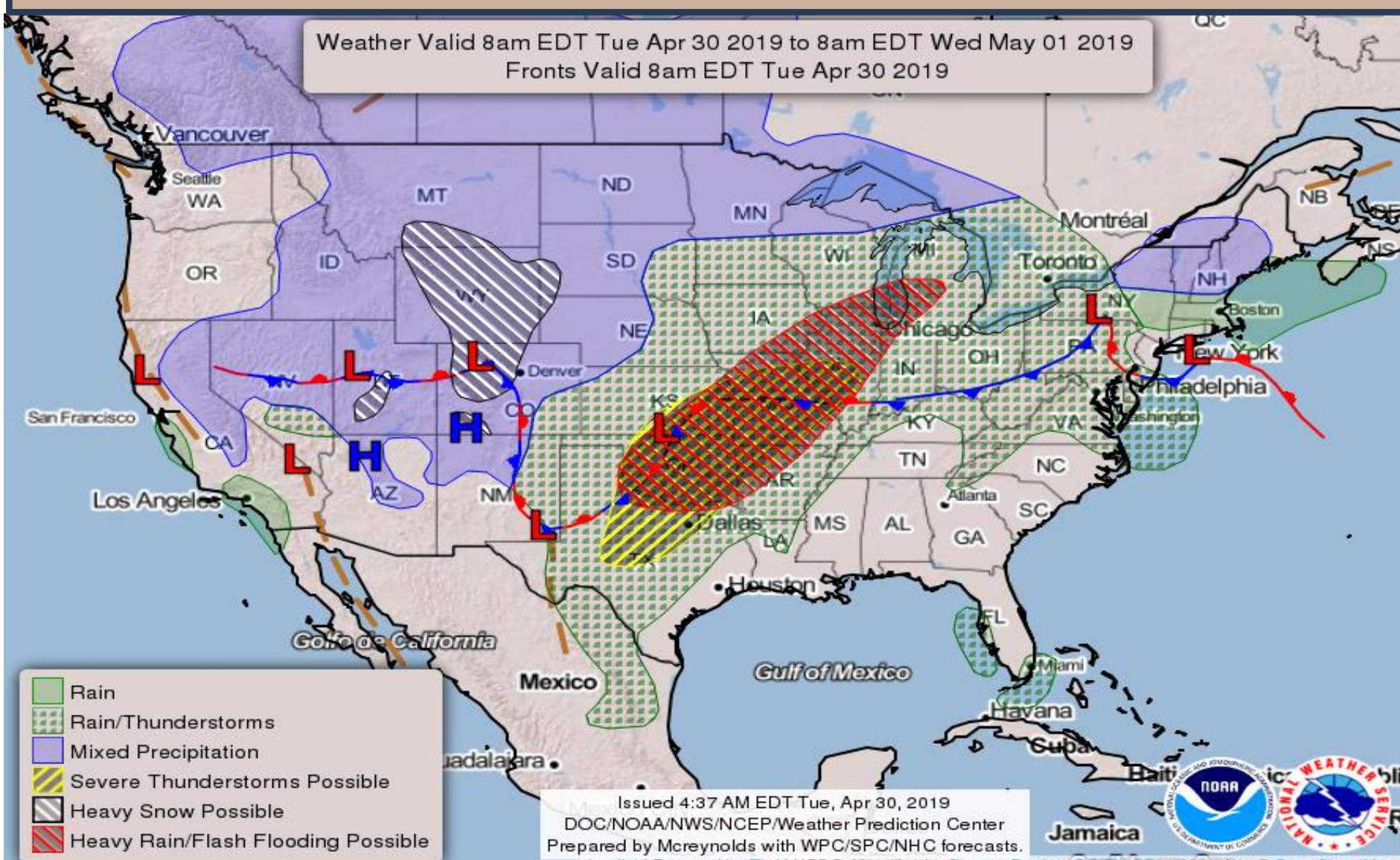
- Points along the MS River in AR and LA remain at moderate flood stage, with the point near Baton Rouge, LA remaining in major flood stage.
- Impacts are primarily to secondary roads, agriculture, and navigation. The city of Baton Rouge is protected by levees.
- Minor to moderate river flooding is occurring across E TX, AR and LA.
- No significant impacts are occurring or expected.
- Moderate to heavy rainfall is expected across portions of OK, AR today expanding into TX tomorrow and LA by Thursday.
- The rain this week will prolong ongoing flooding and lead to additional minor to isolated moderate flooding.

Today's Weather

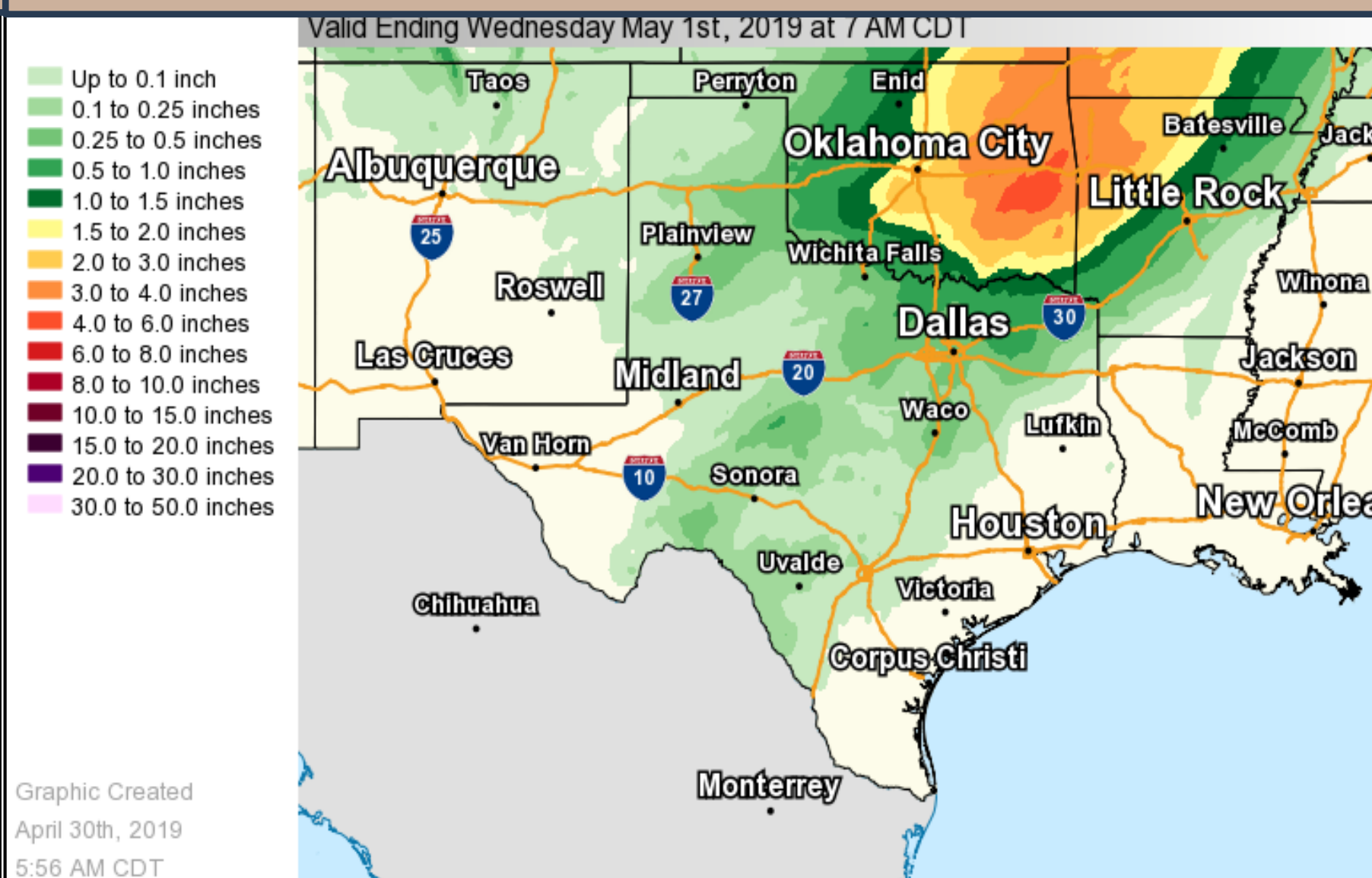


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Forecast Chart



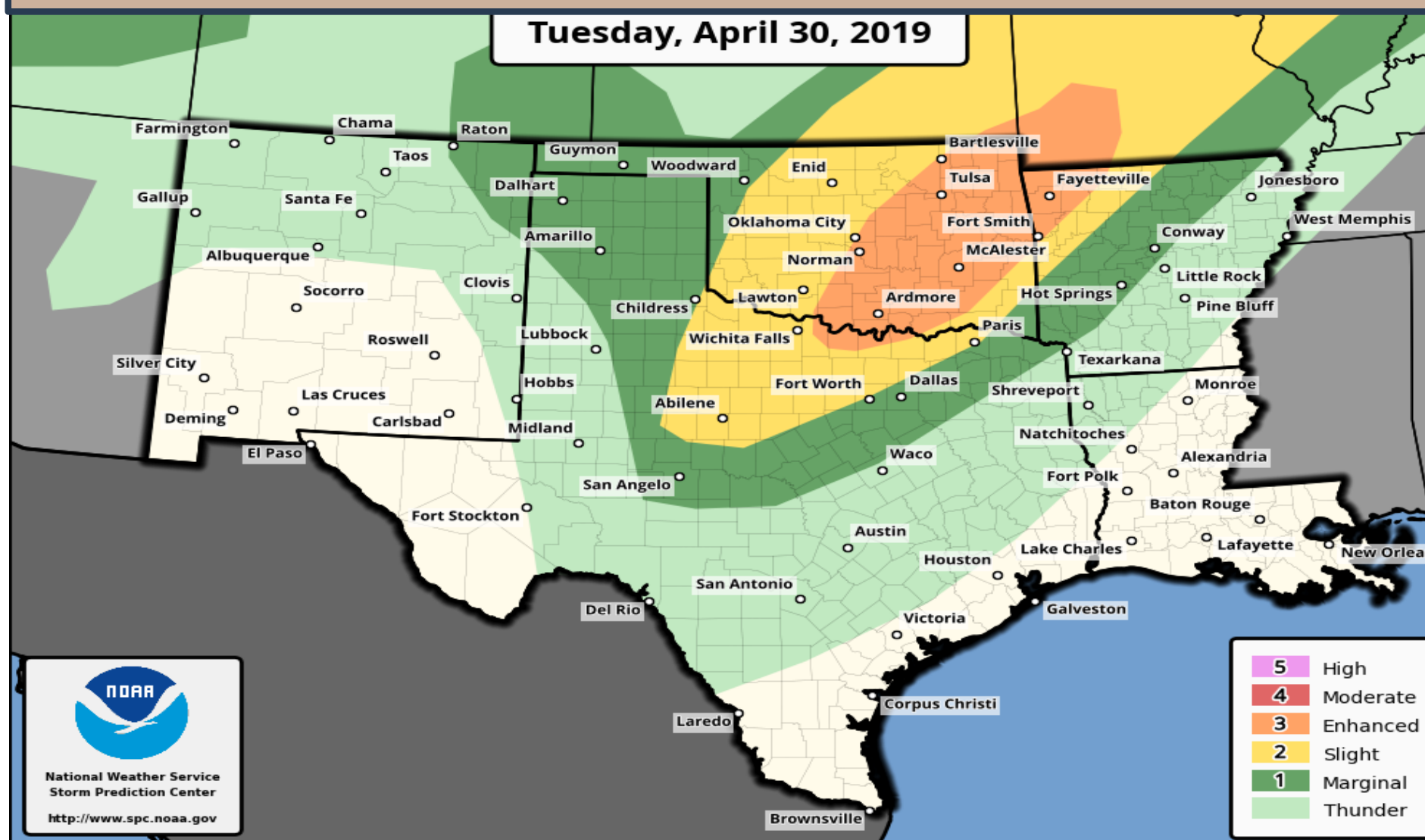
Forecast Rainfall



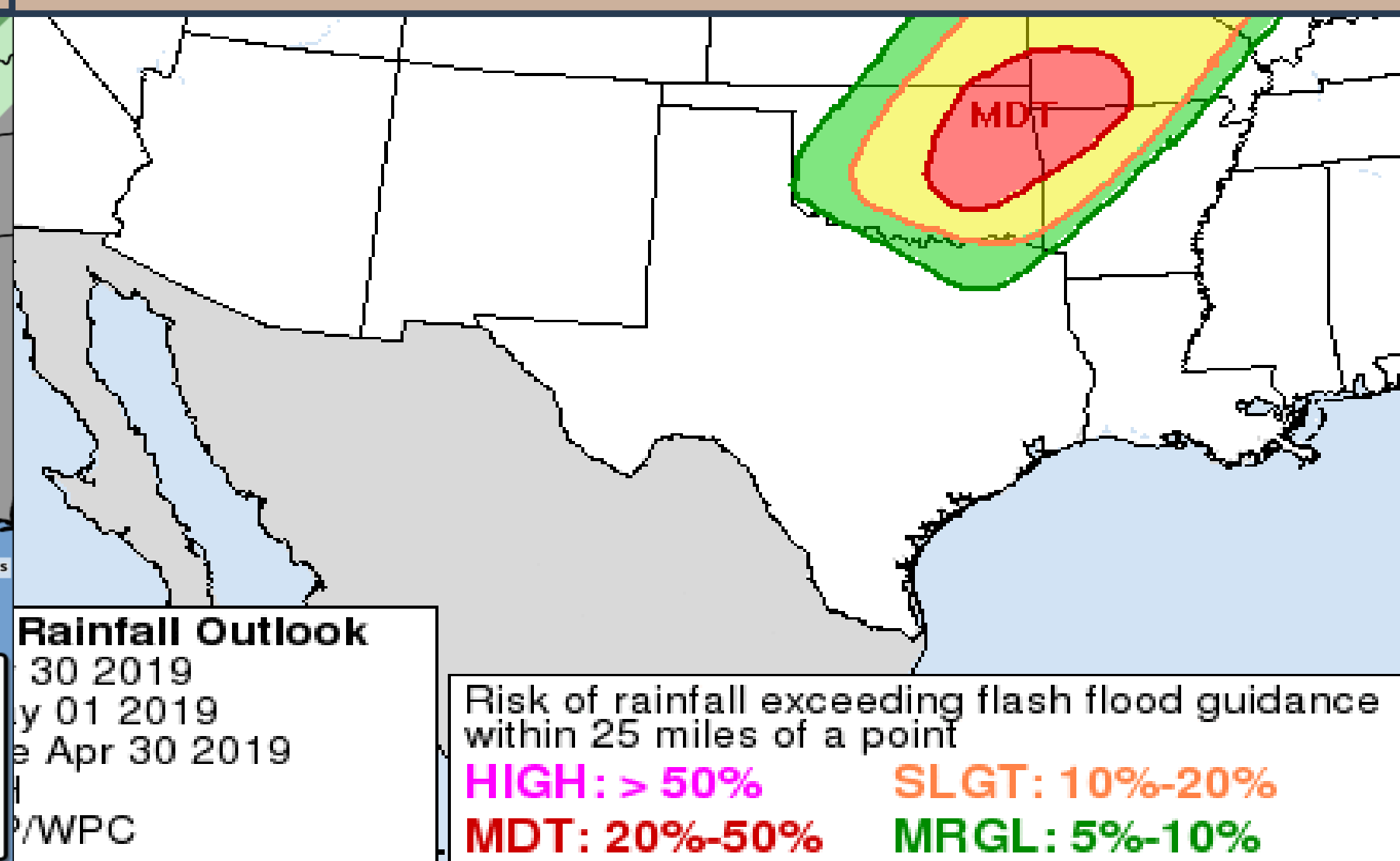
Severe storms *likely* across much of OK, into NW AR and NTX; Large hail and damaging winds are the main threats. A few tornadoes are possible.

Heavy rain/flash flooding *likely* across OK into NW AR and possible into NTX.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



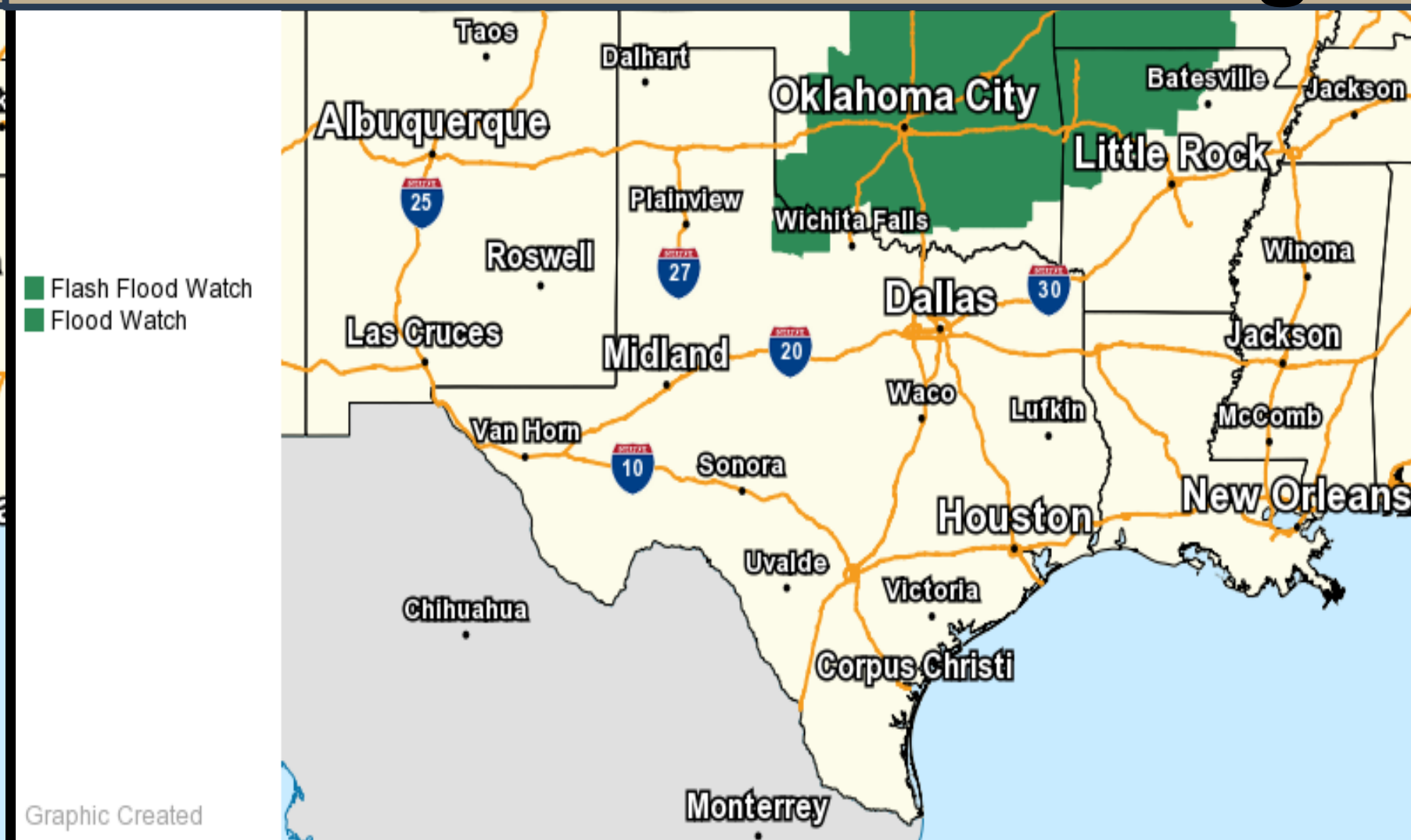
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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash Flood Watches in effect across OK, NW AR, and NW TX through Wednesday morning.
Rain Amounts: Widespread 2-4 inches expected with locally higher amounts possible.
Impacts: Areas of flash flooding, especially near low-lying areas and smaller creeks and streams. A few main stem rivers could also rise to minor or moderate flood.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

Severe thunderstorms possible across OK, AR into N and Central TX. Damaging winds/hail are the main threats. Low tornado threat.

Heavy rain/flash flooding possible across N and Central TX into the Arklatex.

Severe Weather Outlook

Excessive Rainfall Outlook

Wednesday, May 01, 2019

Rainfall Outlook

May 01 2019
May 02 2019
Issued Apr 30 2019
NWS
/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

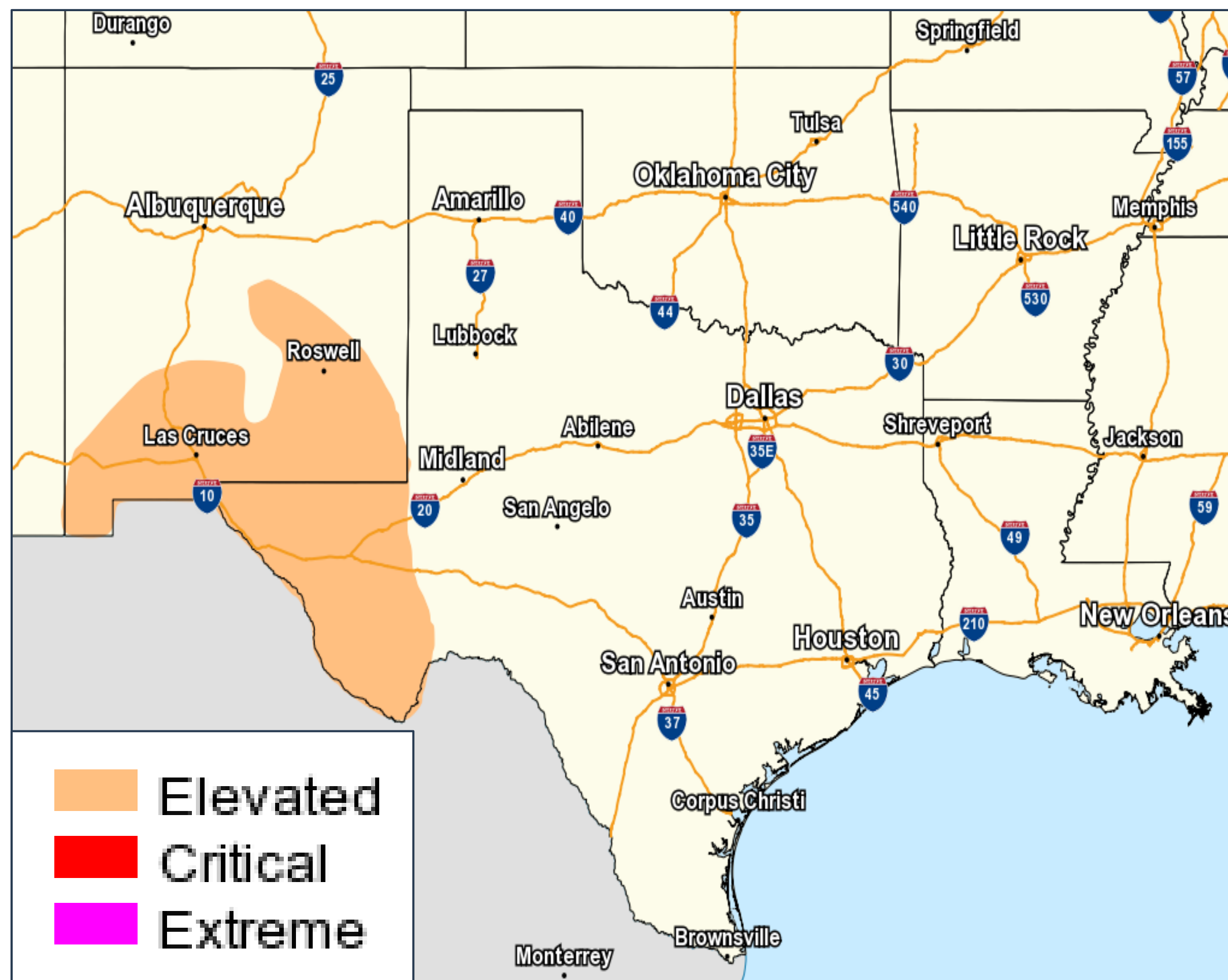
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Fire Weather Outlooks

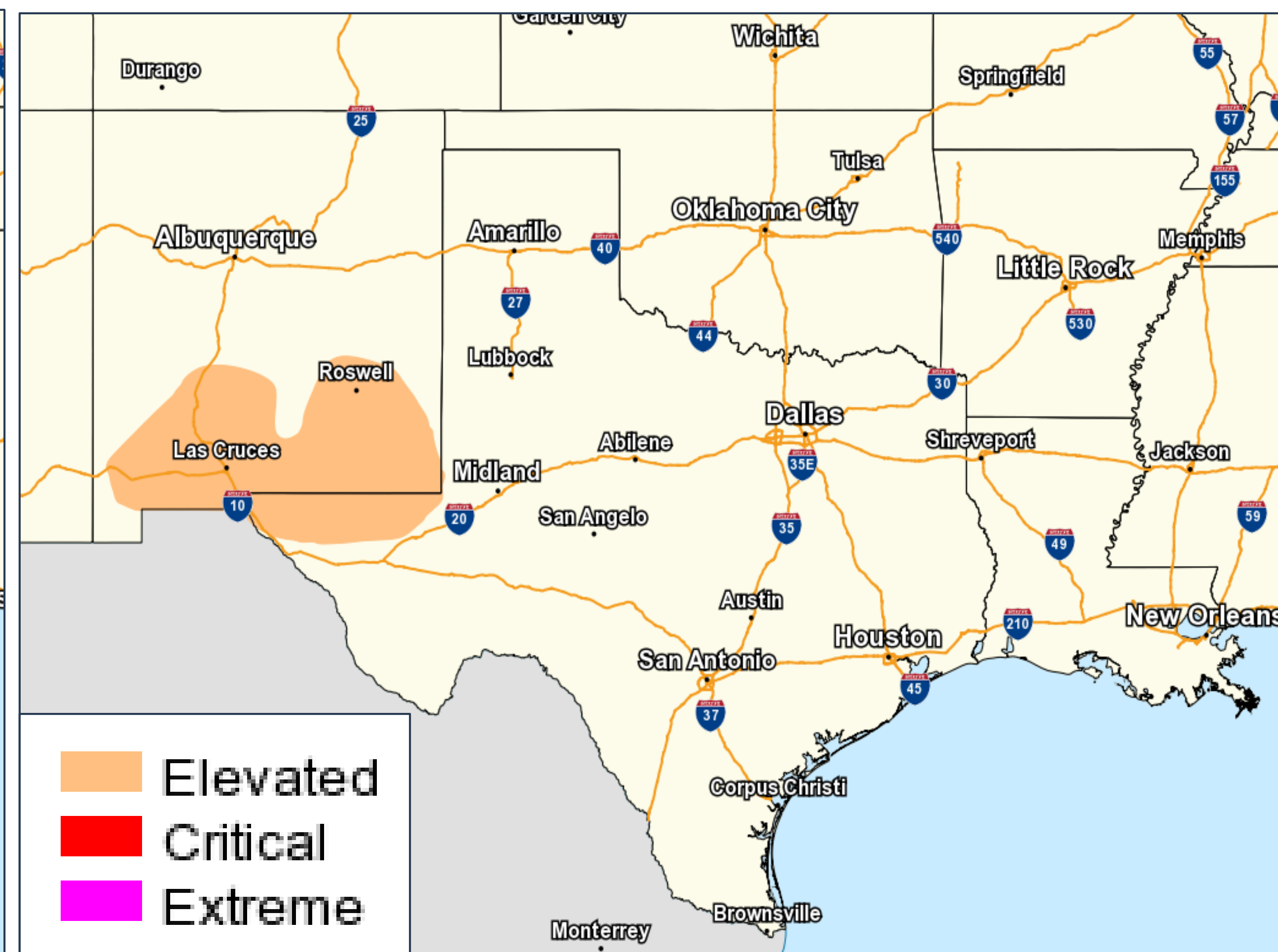


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Thursday's Weather



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Forecast Chart

Forecast Rainfall

Isolated strong to severe storms with hail and strong wind gusts possible across AR & TX into the Arklatex.

Isolated heavy rain/flash flooding possible across AR into the Arklatex.

Severe Weather Outlook

Excessive Rainfall Outlook

Thursday, May 02, 2019

Rainfall Outlook

May 02 2019
May 03 2019
Issued Apr 30 2019
NOA/NWS/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

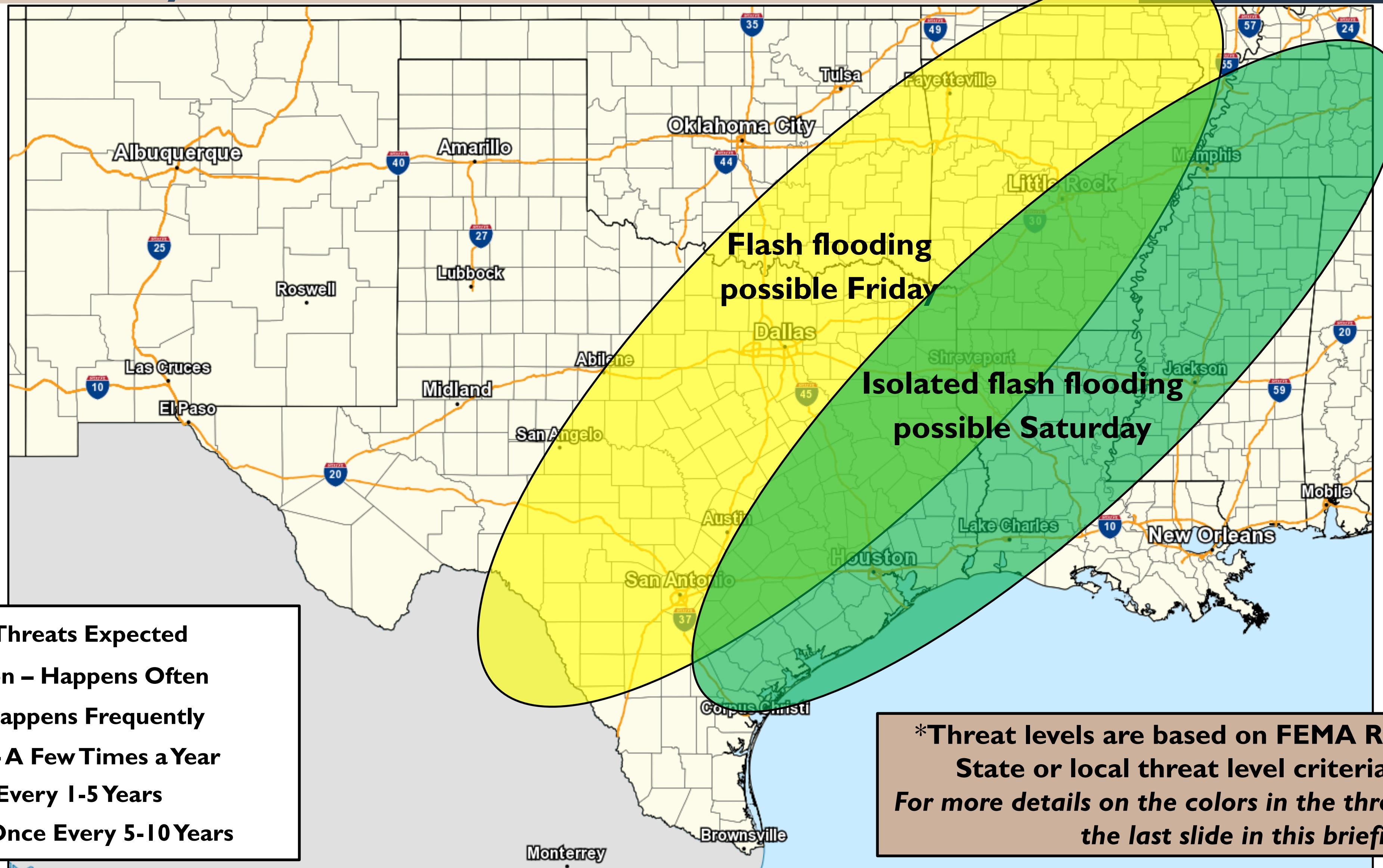
HIGH: > 50% **SLGT:** 10%-20%
MDT: 20%-50% **MRGL:** 5%-10%

Days 4-5 Weather Hazards

Friday - Saturday



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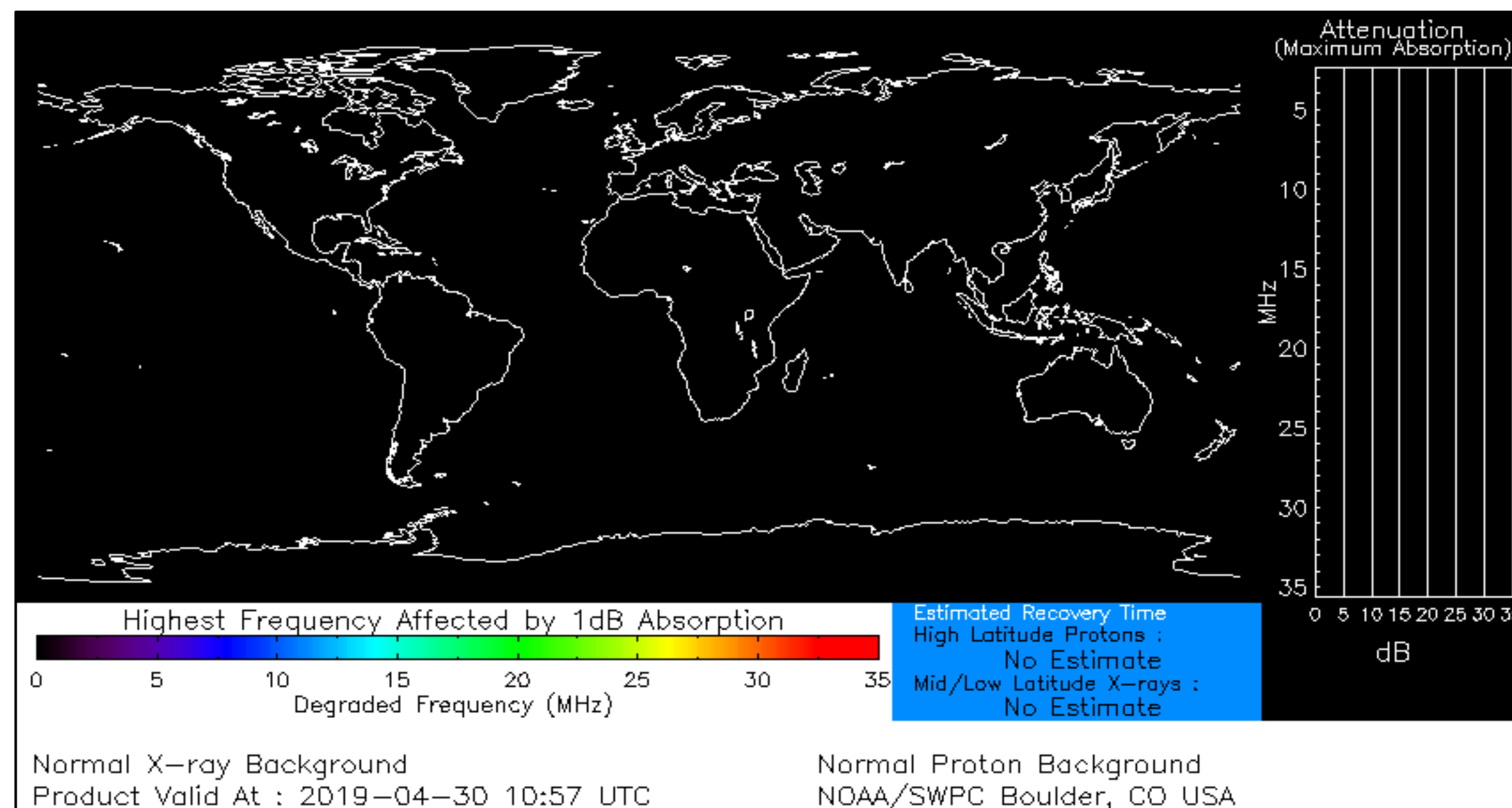


Space Weather 3-Day Forecast



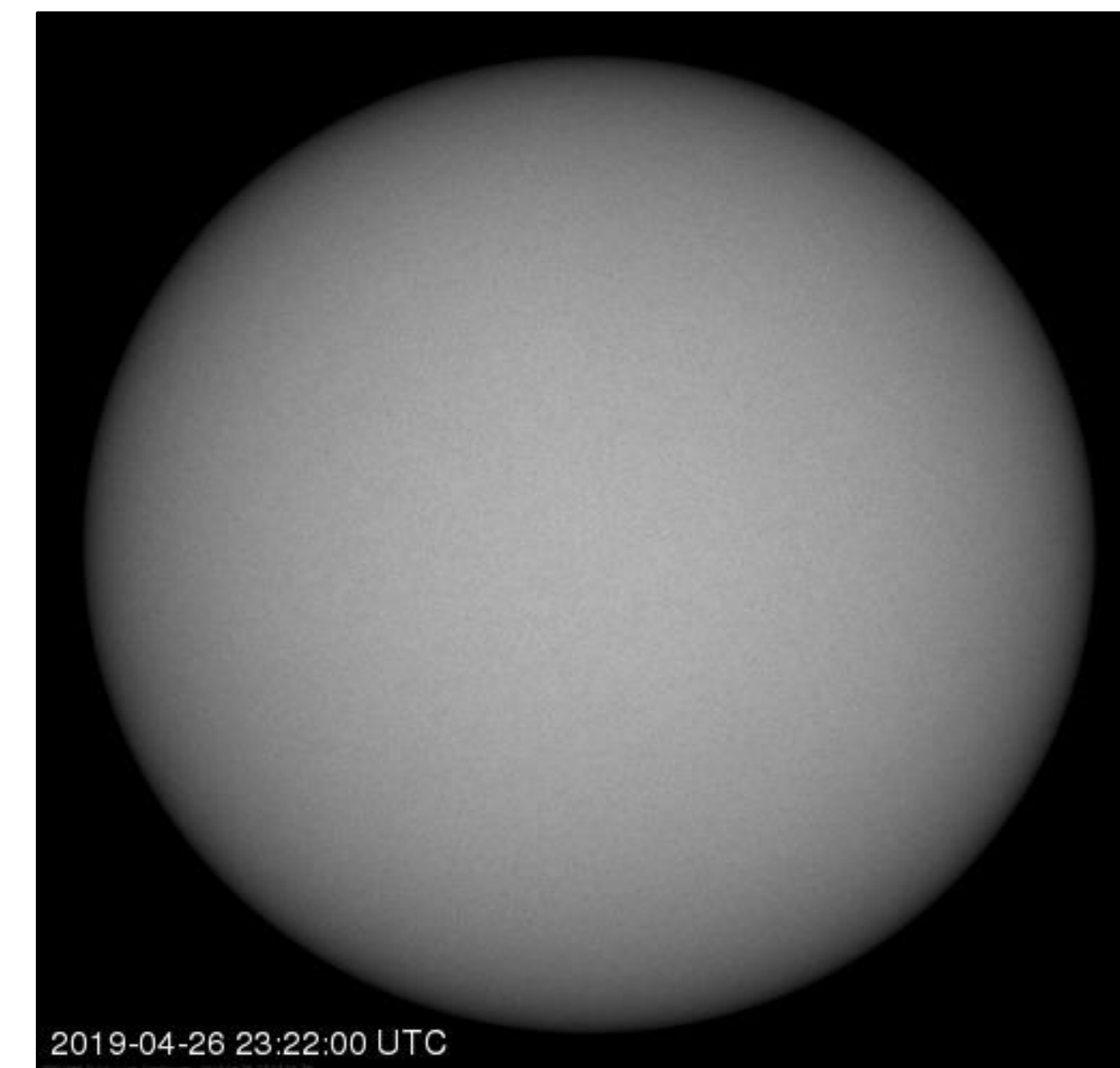
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov